



July 14, 2011

California Regional Water Quality Control Board Los Angeles Region Samuel Unger, Executive Officer

Executive Officer's Report

The Executive Officer's Report is not intended to be an exhaustive list, but rather highlights of Regional Board staff activities from the previous month.

Executive Office

Presentation to Southern California Water Dialogue

Renee A. Purdy

The Southern California Water Dialogue is an ad hoc group of water agencies, environmental organizations, and public interest organizations, including the State Water Board, which meets on a monthly basis to explore the management of Southern California's water supply to meet future needs. The group discusses a broad range of issues, including reliability, water quality, conservation, recycling, storage, conveyance, and watershed management.

At the June 22, 2011 meeting, Chief Deputy EO Deb Smith and I made presentations as part of a panel regarding stormwater management and the upcoming reissuance of Southern California MS4 Permits. Following the presentations, the group further discussed regulatory approaches and local funding initiatives to better manage stormwater to reduce the impacts of stormwater on our inland, coastal, and ocean waters.

More information about the Southern California Water Dialogue is available online at www.socalwaterdialogue.org.

Regional Programs

Los Angeles County Municipal Separate Storm Sewer System (MS4) Permit Reissuance Ivar Ridgeway

Staff has been working in conjunction with PG Environmental towards the development of the core requirements for the Draft Order. Staff has had several discussions/meetings to develop appropriate core requirements. By July 1, 2011 staff anticipates the completion of a preliminary draft of the core permit provisions.

On June 14, 2011, staff sent a survey to the Los Angeles County Permittees soliciting input regarding permitting structure. In July 2011, staff will use the results of the survey along with other information to evaluate the most appropriate permitting structure.

Our mission is to preserve

and enhance the quality of

California's water resources

for the benefit of present and

future generations.

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Oxnard Drain 3 TMDL Proposed Modifications Due to Public Comments

Jenny Newman

Regional Board staff participated in an EPA-led stakeholder conference call on June 29, 2011 regarding proposed changes to the draft Oxnard Drain 3 TMDL due to public comments. EPA is currently in the process of developing several TMDLs in the Los Angeles Region pursuant to a consent decree. On February 16, 2011, EPA issued for public comment a draft TMDL for Oxnard Drain 3. The TMDL addresses bifenthrin, total chlordane, chlorpyrifos, total DDT, dieldrin, total PCBs, toxaphene, and sediment toxicity. Comments were required by March 21, 2011. EPA received 12 comment letters by the March 21 deadline and revised the TMDL to incorporate several of the comments. EPA held the conference call to explain to stakeholders the modifications they were proposing to make to the TMDL based on comments received. The modifications included (1) revisions to the sediment and tissue allocations to increase consistency with the neighboring Calleguas Creek and Mugu Lagoon Pesticides and PCBs TMDL, (2) the addition of language recommending that the Oxnard Drain 3 TMDL be included in the Calleguas Creek watershed management and implementation plans, (3) the recommendation of a special study to determine the depth and dispersion of pollution in Oxnard Drain 3, and (4) other minor changes. Regional Board staff has been involved in developing the draft Oxnard 3 TMDL, responding to comments, and determining changes to the TMDL based on comments. Regional Board staff will continue to work cooperatively with EPA to develop TMDLs for all remaining waterbodies on the consent decree.

Section 401 Water Quality Certification Program

Valerie Carrillo and Dana Cole

On June 29, 2011, 401 Program staff attended the third in a series of public meetings of the Los Angeles County Flood Control District Sediment Management Strategic Plan Task Force. The objective of this task force is to determine optimal sediment management strategies for Los Angeles County. This task force meeting focused on development of a tool to rank the sediment management alternatives. Several large reservoir clean-out projects are currently planned in our region including: Big Tujunga, Cogswell, Devils Gate, Pacoima, and Morris. Staff continue to work closely with the County of Los Angeles on the individual reservoir clean-outs and with the Task Force on the comprehensive strategies.

Since June 1, 2011, the Regional Board has received 6 new applications for Section 401 Water Quality Certification (WQC) actions. The following Certification actions have recently been issued:

DATE OF ISSUANCE	STAFF	APPLICANT	PROJECT	ACTION
5/2/11	Dana Cole	City of L.A., Bridge Improvement Prog.	Foothill Blvd Bridge Widening Proj.	Administrative Civil Liability
5/12/11	Dana Cole	Jim Prentice	Paradise Ranch Road	No Further Action
5/11/11	Valerie Carrillo	L.A. County Flood Control District	Morris Dam & Reservoir Sediment Removal	13267 Order
5/19/11	Valerie Carrillo	Cal. Dept. of Boating & Waterways	Castaic Lagoon Boat Ramp	Cond. Certification
5/19/11	Valerie Carrillo	L.A. County Flood Control District	Sawpit Debris Basin Seismic Strengthening	Cond. Certification
5/19/11	Valerie Carrillo	Conrad N. Hilton Foundation	Conrad N. Hilton Foundation Headquarters Development	Conditional Certification
5/20/11	Dana Cole	Shea Homes	The Colony Flood Control Maintenance Project	Conditional Certification
5/25/11	Valerie Carrillo	L.A. County Flood Control District	Pacoima Dam & Reservoir Sediment Removal	Denial Without Prejudice
5/25/11	Valerie Carrillo	Pardee Homes	Skyline Ranch Housing Development	Denial Without Prejudice
5/26/11	Valerie Carrillo	BP	Burnett Trestle over Los Angeles River	Conditional Certification
5/26/11	Dana Cole	Caltrans	I-710 Bridge Widening Project	Conditional Certification
5/26/11	Valerie Carrillo	City of Camarillo	Calleguas Creek Bike Trail	Conditional Certification
6/14/11	Valerie Carrillo	Los Angeles County Flood Control District	Devil's Gate Interim Measures (Sediment Removal)	Conditional Certification
6/14/11	Valerie Carrillo	Los Angeles County Flood Control District	Big Tujunga Dam Seismic Rehabilitation	Conditional Certification
6/15/11	Valerie Carrillo	City of Los Angeles	Echo Park Lake Rehabilitation	Conditional Certification
6/15/11	Valerie Carrillo	City of Redondo Beach	Transient Vessel Dock	Conditional Certification

Certification actions recently issued and project descriptions for applications currently being reviewed can be viewed from our Web Site located at <http://www.swrcb.ca.gov/rwqcb4/html/meetings/401wqc.html>. For additional information regarding our Section 401 Program, please contact Valerie Carrillo at (213) 576-6759. Any petitions for the appeal of a Section 401 WQC action must be filed within 30 days of the date of its issuance. We encourage public input during the certification process.

Water Quality Monitoring

Rebecca Veiga Nascimento

During the month of June Regional Board staff conducted water quality monitoring in four watersheds 1) Calleguas Creek, 2) Dominguez Channel, 3) Ventura River, and 4) Santa Clara River. Sampling sites were generally selected based on locations previously established by other Regional Board programs such as, NPDES receiving water stations or stormwater mass emission monitoring stations. Three to six sampling sites were selected per watershed and samples were collected for various constituents including, contaminants of emerging concern (CECs), metals, pesticides, toxicity, and nutrients. This monitoring was undertaken to assess current conditions and potentially inform additional Region-wide monitoring.

For additional information please contact Rebecca Veiga Nascimento at (213) 576-6784 or rveiga@waterboards.ca.gov

Administrative Update to the Basin Plan – Maps and Beneficial Use Tables

Thomas Siebels

Staff has made significant progress on updating the maps and beneficial use tables of the current Basin Plan (1994 version). All streams in the region have been completely updated using the 2007 high resolution National Hydrography Dataset (NHD) as a base layer. Reach names have also been updated based on previous Basin Plan amendments. Cross reference tables have been developed to allow comparison of old and new names. During this process previously unnamed reaches have also been identified and named.

The GIS database has been set up to allow for the addition of a number of new attributes that staff have requested including whether a channel is engineered or natural, perennial or intermittent. In addition, all lakes, lagoons, etc. listed in the 1994 Basin Plan are being updated based on current aerial imagery. For more information, please contact Thomas Siebels at (213) 576-6671 or Tsiebels@waterboards.ca.gov.

Groundwater Permitting and Land Disposal Program

Santa Paula Water Recycling Facility Ribbon Cutting Ceremony

Eric Wu

On June 2, 2011, staff attended the Santa Paula Water Recycling Facility (SPWRF) ribbon cutting ceremony at Santa Paula, California. Mandated by the Waste Discharge Requirements (WDRs), Order No. R4-2007-0028, issued by the Los Angeles Regional Board, the City of Santa Paula was required to build a new SPWRF and become fully compliant before December 15, 2010. Construction of the new SPWRF, with a capacity of 4.2 million gallons per day (MGD), was completed in December 2008 and has been in full operation since May 2010. The new facility incorporates underground equalization and membrane bio-reactor (MBR) tanks to minimize its footprint. After being disinfected by UV light, the effluent is to be recycled or discharged to a percolation pond immediately adjacent to SPWRF. The effluent is treated to meet Title 22 requirements and any additional requirements specified in the WDRs.

Summary of General Waste Discharge Requirements Enrolled and Terminated

Rosie Villar and Rebecca Chou

From May 12, 2011 to June 15, 2011 - two dischargers enrolled under the general Waste Discharger Requirements (WDR), and 1 WDR was terminated. The following table contains a breakdown for each category of general WDR.

		Project Manager	Date of Coverage	Date of Revision	Termination
A.	General WDR Discharge for Groundwater remediation at petroleum Hydrocarbon fuel and/or volatile organic compound impacted sites (Order No. R4-2007-0019)				
1.	Regency Center (Formerly Lakewood Kohl's) Lakewood CI 9688	Cris Morris (Site Cleanup IV)	5/12/11		
2.	G&M Oil Co. Station #57, Lynwood CI 9441	Chandra Cansler-Tyler (UST Program)	5/13/11		
3.	AM PM Special Delivery Service, Los Angeles CI 9315	Dave Bjostad (UST Program)			5/31/11

Summary of Inspection Reports

Rosie Villar and Rebecca Chou

From March 1, 2011 to June 15, 2011, staff conducted 14 pre-permitting and annual inspections.

Date Issued	Permittee	Project Manager
3/01/11	Our Lady of Malibu Catholic Church, CI 9695	David Koo
5/03/11	San Antonio Treatment Plant, CI 9697	David Koo
5/03/11	San Antonio Treatment Plant, CI 9698	David Koo
5/06/11	Inglewood Oil Field, CI 8266	Enrique Casas
5/10/11	Sunshine canyon City Landfill, CI 2043	Wen Yang
5/18/11	Penrose Landfill, CI 2181	Enrique Casas
5/18/11	Gaffey Street Landfill, CI 1001	Douglas Cross
5/18/11	Chandlers Inert Landfill, CI 5430	Douglas Cross
5/18/11	Simi Valley Landfill, CI 5643	Wen Yang
5/18/11	Sunshine Canyon City Landfill, CI 2043	Wen Yang
5/25/11	Foothill Soils, Inc., CI 8642	Douglas Cross
6/01/11	Montebello Oil Field, CI 8267	Douglas Cross
6/08/11	Bradley Landfill & Recycling Center, CI 6434	Douglas Cross
6/08/11	Sun Valley Inert Landfill, CI 6642	Douglas Cross

Watershed Regulatory Program

Review of Draft Groundwater Recharge Reuse Regulations

Dr. Don Tsai

The Drinking Water Program of the California Department of Public Health (CDPH) has been developing regulations for the recharge of groundwater with recycled water. CDPH has used a technical expert review process several times in the past prior to the publication of the draft regulation versions. This draft reflects the CDPH's current thinking on the regulation of recharge of groundwater with recycled municipal wastewater. CDPH has organized the criteria by creating an Article for each method of groundwater recharge – surface spreading, surface spreading with full advanced treatment (FAT- continuous treatment of the entire wastewater flow with reverse osmosis and advanced oxidation), and subsurface injection with FAT.

A technical meeting was scheduled on June 28 and 29, 2011, at CDPH's San Diego office. Eight representatives of water recycling utilities, consulting firms, and county health departments are invited to participate. Regional and State Water Board staff attended the meeting and provided comments for the necessary water quality requirements/provisions to be included in the draft regulation. In early 2012 CDPH plans to submit a regulation package for adoption.

Summary of General Permitting Unit Activities for April/May 2011

During the months of April and May 2011 nine dischargers were enrolled under the general NPDES permits, three enrollments were revised and four enrollments were terminated. The following table shows the breakdown of the enrollments, revisions, and terminations for each category of general NPDES permit during the period.

		Date of Coverage	Date of Revision	Date of Termination
A.	NPDES CAG994004 (Order No. R4-2008-0032) Construction & Project Dewatering			
1	California Department of Transportation, Interstate Rt 5/Gavin Canyon Bridge Expansion Proj, Newhall	4/7/11		
2	Wilshire Pacific Partner LLC-Wilshire Pacific Plaza, 12301 Wilshire Blvd, Los Angeles			4/20/11
3	Villa Marina MHRPV, LLC., Stella Apts, 13488 Maxella Venue, Marina Del Rey	4/21/11		
4	City of Ventura, Waterline & Sewerline Replacement Project, Market St & Morse Ave, Ventura	4/1/11		
5	Pacific Design Center, Pacific Red Construction, 750 San Vicente Boulevard, West Hollywood		4/28/11	
6	ExxonMobil Oil Corp, I-5/I-14 M70 Pipeline Relocation Proj, 14841 San Fernando Road, Los Angeles			4/29/114
7	Ventura County Watershed Protection District, Jepson Wash Debris Basin Spillway Retrofit Project, between Oak Avenue and Grand Avenue, Fillmore	5/3/11		
8	City of Lynwood, Well #8, #9 and #22, 11330 Bullis Road, Lynwood		5/4/11	
9	The Center for Early Education-563 N. Alfred Street, West Hollywood		5/13/11	
10	Chinatown Gateway, LLC., Chinatown Los Angeles Project, 639 North Broadway, Los Angeles	5/17/11		
11	River Court, LLC., Hopkins-Tibbetts Bank Protection Project, Phase 1, Avenue Hopkins and Avenue Tibbetts, Santa Clarita			5/20/11
12	Administrative Office of the Court, Long Beach Court Building, West Broadway, Maine Avenue, West 3 rd Street and Magnolia Avenue, Long Beach	5/31/11		
B.	NPDES No. CAG994005 (Order No. R4-2003-0108) Potable Water Supply Wells Discharges			
1	Park Water Company-Well No. 19C, 1743 E. 118 th Street, Compton			4/22/11
C.	NPDES CAG674001 (Order No. R4-2009-0068) Hydrostatic Test Water			
1	Los Angeles Community College District, Los Angeles Southwest College, 1600 West Imperial Highway, Los Angeles	5/24/11		
2	Los Angeles County, Metropolitan Transportation Authority, Los Angeles Department of Water and Power Hydrostest Project, Within the City of Los Angeles, Between Mulholland Drive and Skirball, and Sunset Boulevard and 405 Freeway, Los Angeles	5/25/11		
D.	NPDES CAG994003 (Order No. R4-2009-0047) Nonprocess wastewater			
1	Golden State Water Company, Encinita Treatment Plant, 4836 North Encinita Avenue, Temple City	4/26/11		

Watershed Groups

Santa Monica Bay Watershed Management Area

A 2nd edition “State of the Watershed” report for the Santa Monica Bay Watershed Management Area is being finalized by Regional Board staff. The draft report is available for download at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/ws_santamonica.shtml. This is an update of the first edition report completed in 1997.

Santa Monica Bay WMA – Ballona Creek Watershed

A watershed management plan is available for the Ballona Creek Watershed. The Ballona Creek Watershed Task Force meets in the afternoon on the third Tuesday of every other month, generally in Culver City. Meeting agendas and a copy of the watershed management plan may be found at <http://www.ladpw.org/wmd/watershed/bc/>.

The Coastal Conservancy, in partnership with the California Department of Fish and Game and State Lands Commission, is developing a restoration plan for Ballona Wetlands. More information about this work may be found at <http://www.ballonarestoration.org>. A U.S. Army Corps of Engineers Ecosystem Restoration Feasibility Study is currently underway in coordination with the Coastal Conservancy work. More information about this study may be found at http://www.spl.usace.army.mil/cms/index.php?option=com_content&task=view&id=64&Itemid=31.

Santa Monica Bay WMA – Malibu Creek Watershed

The Malibu Creek Watershed Council is concerned with a variety of human health and habitat issues. Committees/task forces under the Council include those focusing on habitat/species, monitoring/water quality, education, and Rindge Dam. The Council’s Malibu Lagoon Task Force served as an advisory group during development of a lagoon restoration plan. A copy of the lagoon restoration plan, funded by the Coastal Conservancy, may be found at <http://www.parks.ca.gov/pages/980/files/000%20appendix%20a%20-%20malibu%20lagoon%20restoration%20and%20enhancement%20plan.pdf>. Implementation of the plan is underway.

Minutes from previous Council meetings, agendas for future meetings, and information about the watershed may be found on the Council’s website at <http://www.malibuwatershed.org/>.

A Malibu Creek Ecosystem Restoration Feasibility Study is underway. The U.S. Army Corps of Engineers and California Department of Parks and Recreation are the major partners in this effort which will evaluate, among other options, the feasibility of restoring the ecosystem through removal of Rindge Dam. More information may be found at http://www.spl.usace.army.mil/cms/index.php?option=com_content&task=view&id=455&Itemid=71.

Santa Monica Bay WMA – Topanga Creek Watershed

A watershed committee began meeting in the Topanga Creek Watershed in 1998. This group was formed as a followup to the Topanga Canyon Floodplain Management Citizens’ Advisory Committee which produced a draft Topanga Creek Watershed Management Plan in 1996; a watershed management plan was finalized by the watershed committee in 2002. Watershed residents continue work on implementation of actions identified in the Management Plan. The group currently meets on an infrequent basis. Their website address is <http://www.topangacreekwatershedcommittee.org>.

Los Cerritos Channel/Alamitos Bay Watershed Management Area

Colorado Lagoon is a largely saltwater, tidal water body connected to Alamitos Bay via a box culvert, is heavily utilized for recreational activities, and supports a wide range of birds and marine life. It is in a natural low point of the watershed and thus receives a considerable amount of urban runoff; it also has impaired water quality. A restoration feasibility study was conducted to explore opportunities to restore the marine ecosystem and support safe recreation while improving water and sediment quality, and managing storm water in the lagoon. The City of Long Beach is implementing water quality improvement actions described in the feasibility study. More information on the study may be found at <http://www.longbeach.gov/news/displaynews.asp?NewsID=561>.

Los Angeles River Watershed

The City of Los Angeles, U.S. Army Corps of Engineers, and multiple partners have developed a Los Angeles River Revitalization Master Plan which is available at <http://www.lariverrmp.org/>. A Programmatic Environmental Impact Report/Statement is also available.

The Los Angeles and San Gabriel Rivers Watershed Council (LASGRWC) is a consortium of government agencies, community and environmental groups, business and academia who organized to resolve and prevent problems in the watershed in a cooperative, collaborative manner. The LASGRWC conducts quarterly watershed symposia on current issues. Information on upcoming symposia may be found at <http://www.lasgrwc.org>.

The Friends of the Los Angeles River (FOLAR) is a nonprofit organization formed in 1986 in support of Los Angeles River restoration activities. More information about the organization may be found at <http://www.folar.org/>.

Information about the Arroyo Seco, a tributary to the Los Angeles River, may be found at the Arroyo Seco Foundation's website <http://www.arroyoseco.org/>. The nonprofit organization Northeast Trees utilized grant funds to prepare an Arroyo Seco Watershed Management and Restoration Plan which was completed in 2006. It can be downloaded at http://www.waterboards.ca.gov/losangeles/water_issues/programs/grants_loans/fundings/arroyoseco%20wmp.pdf.

Compton Creek is a tributary to the lower Los Angeles River. A watershed management plan was developed with input from a steering committee and community action team; the Plan can be found at <http://www.lasgrwc.org/ComptonCreek.htm>. An implementation plan entitled "Realizing Change in the Compton Creek Watershed" can also be found on the webpage.

The San Gabriel Valley Council of Governments (SGVCOG), in partnership with the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC), utilized grant funds to prepare a Rio Hondo Watershed Management Plan. The Rio Hondo drains to the Los Angeles River. A copy of the watershed management plan is available for download at <http://www.rmc.ca.gov/plans/water.html>.

The River Project is a nonprofit organization dedicated to planning for natural resource protection, conservation and enhancement in Los Angeles County. The group received CalFed funding to develop a watershed management plan for the Tujunga/Pacoima Watershed, a subwatershed of the Los Angeles River. The management plan was finalized in 2008 and can be downloaded at <http://www.riverproject.org/tujunga/plan.html>.

San Gabriel River Watershed

Amigos de los Rios is a nonprofit organization working with cities and residents to renew urban neighborhoods. Their Emerald Necklace project is a vision for a 17-mile loop of parks and greenways connecting 10 cities and nearly 500,000 residents along the Río Hondo and San Gabriel Rivers. More information about the organization may be found at <http://www.amigosdelosrios.org/>.

The San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC) produced a Guiding Principles Watershed and Open Space Plan which may be obtained at <http://www.rmc.ca.gov/>. The Conservancy is an agency within the California Natural Resources Agency and was established by law in 1999. Its jurisdiction includes the San Gabriel River and its tributaries, the Lower Los Angeles River and its tributaries, and the San Gabriel Mountains, Puente Hills, and San Jose Hills. Implementation of the Open Space Plan is occurring partly through award of pass-through grant funds.

In 1999, the Los Angeles County Board of Supervisors directed the Department of Public Works to prepare a San Gabriel River Master Plan which has since been adopted by the County Board of Supervisors. The Master Plan identifies project opportunities for: enhancements for recreation, open space, and habitat areas; restoration; preservation of the River's natural resources; and maintaining flood protection and existing water rights. Documents relating to the Master Plan may be obtained at <http://www.sangabrielriver.com/>.

The County of Orange, in coordination with the County of Los Angeles and multiple stakeholders in both counties, completed a watershed management plan in 2008 for Coyote Creek, a subwatershed of the San Gabriel River which straddles two counties and two Regional Board jurisdictions. The creek enters the San Gabriel River near the ocean and the subwatershed area covers a densely populated area of southeastern Los Angeles County and northern Orange County. The watershed management plan is available for download at <http://www.rmc.ca.gov/plans/water.html>.

A "State of the Watershed" report for the San Gabriel River Watershed was prepared by Regional Board staff in 2000. The report describes the watershed, with its many diversion structures and recharge areas, and summarizes available water quality data. The report can be downloaded by accessing the Regional Board's website at <http://>

www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/ws_sangabriel.shtml.
Dominguez Watershed

The Dominguez Watershed includes the waters of Dominguez Channel, Los Angeles/Long Beach Harbors, Machado Lake, and the land areas draining into them. A Watershed Master Plan is available; a list of potential implementation projects/programs is included in the Plan. A copy may be downloaded at <http://ladpw.org/wmd/watershed/dc/>.

A “State of the Watershed” report for Dominguez was prepared by Regional Board staff in 2008. The document can be downloaded at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/water_report/DominguezChannelState.shtml.

Calleguas Creek Watershed

The Calleguas Creek Watershed Management Plan Committee was convened in 1996 to initiate development of a comprehensive watershed management plan. A large group of stakeholders, including federal, state, and local agencies, landowners, businesses, and nonprofit organizations are represented. Information about the committee and its sub-committees as well as documents and meeting dates can be found at <http://www.calleguascreek.org/>.

Ventura River Watershed

Development of a Proposition 50-funded watershed protection plan is underway. The effort is being led by the Ventura County Watershed Protection District with active participation by the Ventura River Watershed Council. More information may be found at <http://www.watershedscoalition.org/>. An education and outreach component called “Watershed U” and overseen by UC Cooperative Extension was completed in May 2010. Presentations from the program may be found at <http://ucanr.org/sites/wshedUVR/>.

Implementation of an Ecosystem Restoration Feasibility Study is ongoing in the watershed. The U.S. Army Corps of Engineers and Ventura County Watershed Protection District are the major partners in this effort which evaluated, among other options, the feasibility of restoring the ecosystem through removal of Matilija Dam. The Final EIR/EIS was released in September 2004 and federal funding is currently being pursued for construction work; work on some downstream levees and bridges is scheduled for the near-term. More information, including project reports and the Final EIR/EIS, may be obtained on the website <http://www.matilijadam.org/>.

The Matilija Coalition is a local group committed to removal of Matilija Dam and subsequent ecosystem restoration. More information about the group may be found at <http://www.matilija-coalition.org/>.

A “State of the Watershed” report for the Ventura River Watershed was prepared by Regional Board staff in 2002. The report describes the watershed and summarizes available water quality data. The report can be downloaded by accessing the Regional Board’s website at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/ws_ventura.shtml.

Santa Clara River Watershed

The Santa Clara River Enhancement and Management Plan (SCREMP) was developed to address management of the 500-year floodplain of the main river corridor. Related to the SCREMP, the details of a comprehensive river monitoring plan are being worked out by a group of watershed stakeholders. The management plan and the recommendations for a comprehensive monitoring plan can both be viewed at http://portal.countyofventura.org/portal/page?_pageid=876,1324291&_dad=portal&_schema=PORTAL.

A U.S. Army Corps of Engineers-sponsored watershed-wide planning effort is underway which will follow up on the intensive effort put into river corridor planning. More information on this activity may be found at <http://www.ladpw.org/wmd/scr/docs/SCR%20Pub%20Wkshp%202007%2008%2016%20b.pdf>.

The Ventura County Watershed Protection District has published two documents that are available on their webpage at http://portal.countyofventura.org/portal/page?_pageid=876,1324291&_dad=portal&_schema=PORTAL. One is a wetland project permitting guide for areas within the county and along the full length of the Santa Clara River. The other is a guide to native and invasive streamside plants.

In 1994, a pipeline over the Santa Clara River ruptured during the Northridge Earthquake and spilled crude oil. Funds from a settlement for natural resources damages are being administered by the Santa Clara River Trustee Council which

is made up of representatives from the U.S. Fish and Wildlife Services and California Department of Fish and Game. Some of the funds were allocated to studies of the river's biota that will eventually be utilized by the Coastal Conservancy's Santa Clara River Parkway Restoration Feasibility Study. The results of the feasibility study will be used in restoration of parcels along the river being acquired by the Coastal Conservancy. Information on the Parkway and copies of technical reports available for download may be found at <http://www.santaclarariverparkway.org/>.

A "State of the Watershed" report for the Santa Clara River Watershed was prepared by Regional Board staff in 2006. The report describes the watershed and summarizes available water quality data. The report can be downloaded by accessing the Regional Board's website at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/ws_santaclara.shtml.

Miscellaneous Ventura Coastal Watershed Management Area

A wetlands restoration feasibility study has been completed for the Ormond Beach Wetlands by the State Coastal Conservancy and its consultants. A copy can be downloaded at http://www.scc.ca.gov/disp_gen.file?ormond along with supporting technical reports. The restoration planning work is generally discussed at Ormond Beach Task Force meetings held on the fourth Thursday of every other month in Oxnard.

The Ventura County Task Force of the Wetlands Recovery Project meets on the second Thursday of every other month, generally from 2- 4 PM, at the Ventura County Government Center's Multipurpose Room. Updates on various projects and studies occur at these meetings.

An oil pipeline ruptured in December 1993, spilling more than 2,000 barrels of crude oil into McGrath Lake and onto nearby beaches. A Trustee Council was eventually formed to plan and manage restoration of natural resources using settlement funds. The McGrath State Beach Area Berry Petroleum Oil Spill Restoration Plan and Environmental Assessment may be viewed at <http://www.dfg.ca.gov/ospr/NRDA/mcgrath.aspx>.

Southern California Wetlands Recovery Project

The Southern California Wetlands Recovery Project (WRP) is a partnership of public agencies working cooperatively to acquire, restore, and enhance coastal wetlands and watersheds between Point Conception and the International border with Mexico. Using a non-regulatory approach and an ecosystem perspective, the WRP works to identify wetland acquisition and restoration priorities, prepare plans for these priority sites, pool funds to undertake these projects, implement priority plans, and oversee post-project maintenance and monitoring. Additional information may be found at the WRP's website <http://www.scwrp.org>.

The WRP is headed by a Board of Governors (BOG) comprised of top officials from each of the participating agencies. The Wetlands Managers Group and the Public Advisory Committee serve as advisory groups to the Board. The Wetlands Managers Group is responsible for drafting the regional restoration plan and advising the Governing Board on regional acquisition, restoration, and enhancement priorities. Governing Board meetings are public and are noticed at least 10 days prior to each meeting.

County Task Forces help solicit projects for consideration for WRP funding by the Managers Group and Board of Governors. The WRP also has a Science Advisory Panel (SAP) and a wetlands ecologist who acts as liaison with the SAP. Recent activities have focused on coordination with a statewide effort to develop methods for rapid assessment of wetlands and development of a wetlands regional monitoring program. A paper on the habitat value of treatment wetlands has also been written and is available on the WRP's webpage at http://www.scwrp.org/documents/SAP/Treatment_wetlands/LitReviewWebCover.pdf.

A contract between Environment Now on behalf of the WRP and the State Water Resources Control Board has resulted in a number of useful and interesting products including maps and reports. These may be found at <http://www.lasgrwc.org/WRP.htm>.

Watershed Management Initiative Chapter

Each Regional Board has a "chapter" in a statewide document which describes the Region's watersheds and their priority water quality issues. The last update occurred in December 2007. The consolidated statewide document can serve as the basis for many funding decisions including allocating money for monitoring, TMDL development, and grant monies disbursement. Updates occur on an as-needed basis. The current document can be downloaded at <http://>

www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/index.shtml#Watershed. In addition, there is a clickable map of the region's watersheds for information specific to each one.

Integrated Regional Water Management Planning

Both Los Angeles and Ventura Counties have developed Integrated Regional Water Management (IRWM) Plans in order to qualify for funding under Propositions 50 and 84. The Greater Los Angeles County IRWM Plan may be viewed at <http://www.lawaterplan.org/> which also includes information on meetings. The Ventura County IRWM Plan is available at <http://www.watershedscoalition.org/> which also includes information on meetings. Neither the Greater Los Angeles County or Ventura County IRWM Regions include the upper Santa Clara River. Stakeholders in that area have developed a separate IRWM Plan which is available at <http://www.scrwaterplan.org>. An additional IRWM Region within Los Angeles County, Gateway, is located in southeast Los Angeles County. More information may be found at <http://www.gatewayirwmp.org/>. All four IRWM Regions recently were awarded Proposition 84 funds to either develop an IRWM Plan or update an existing one.

Compliance and Enforcement Program Enforcement Unit

Expedited Payment Program:

- **Settlement Offer No. R4-2011-0027-M** was issued to Western Multifamily LLC on May 17, 2011 in the amount of \$246,000 for alleged violations of Regional Board Order Nos. R4-2004-0058 and R4-2009-0047, NPDES Permit No. CAG994003 for Seacastle Apartments. The Permittee has until June 16, 2011 to respond.
- **Settlement Offer No. R4-2011-0039-M** was issued to Equity Office Properties on May 17, 2011 in the amount of \$792,000 for alleged violations of Regional Board Order Nos. R4-2003-0111 and R4-2008-0032, NPDES Permit No. CAG994004 for Warner Premier. The Permittee has until June 16, 2011 to respond.
- **Stipulated Order on Settlement Offer NO. R4-2010-0203-M** was issued to West Coast Storm, Inc., on June 9, 2011 in the amount of \$3,000 for alleged violations of Regional Board Order No R4-2008-0032, NPDES No. CAG994004. On April 21, 2011, the Regional Board received payment in full.
- **Stipulated Order on Settlement Offer NO. R4-2011-0043-M** was issued to Jamison 1545 Wilshire, LLC, on June 9, 2011 in the amount of \$9,000 for alleged violations of Regional Board Order No R4-2006-0064, NPDES No. CA0058297. On May 4, 2011, the Regional Board received payment in full.
- **Stipulated Order On Settlement Offer No. R4-2011-0048-M** was issued to Ultramar, Inc., A Valero Energy Corporation Company (Permittee) on May 25, 2011, in the amount of \$42,000 for alleged violations of Regional Board Order No. R4-2009-0073, NPDES No. CA0057037 for the Marine Tank Farm at 130 West "A" Street, Wilmington, CA. On June 6, 2011, the Regional Board received payment in full.
- **Stipulated Order On Settlement Offer No. R4-2011-0049-M** was issued to Castaic Lake Water Agency (Permittee) on May 25, 2011, in the amount of \$15,000 for alleged violations of Regional Board Order No. R4-2003-0108, NPDES No. CAG994005 for the Temporary Treatment Plant at Saugus Well Nos. 1 and 2. On June 1, 2011, the Regional Board received payment in full.
- **Directive for ACL Order No. R4-2010-0169-M** was issued to Port of Los Angeles on June 9, 2011 in the amount of \$42,000 for alleged violations of Regional Board Order Nos. 97-138 and R4-2006-0086, NPDES Permit No. CA0064157, for New Dock Street Pump Station. The Permittee has until July 5, 2011 to submit payment.
- **Directive for ACL Order No. R4-2008-0199-M** was issued to Casden Properties, LLC on June 8, 2011 in the amount of \$675,000 for alleged violations of Regional Board Order Nos. R4-2003-0111 and R4-2008-0032, NPDES Permit No. CAG944004. The Permittee has until July 5, 2011 to submit payment.

NPDES Facility Inspections:

Enforcement Unit NPDES inspector conducted inspections at 6 Major facilities with NPDES Permits from June 2, 2011 to July 14, 2011. Inspection of these facilities is a required part of the NPDES program.

Notices of Violation issued

Date Issued	WDID	Permittee	Permit Type
05/12/2011	4B198900055	CA Department of Parks and Recreation	NPDES – Order No.R4-2008-0032; CAG994004; CI-9573
05/12/2011	4B198900013	Del Rey Shores Joint Venture	NPDES – Order No. R4-2008-0032; CAG994004; CI-9462
05/12/2011	4B198900053	L.A. Museum of the Holocaust	NPDES – Order No. R4-2008-0032; CAG994004; CI-9569
05/13/2011	4B197500286	Snyder Partners	NPDES – Order Nos. R4-2003-0111 and R4-2008-0032; CAG994004; CI-9387
05/13/2011	4A568900058	City of Oxnard	NPDES – Order No. R4-2008-0032; CAG994004; CI-9590
05/24/2011	4A566000579	City of San Buenaventura	NPDES – Order No. R4-2003-0108; CAG994005; CI-8279
05/24/2011	4A567600030	City of San Buenaventura	NPDES – Order No. R4-2003-0108; CAG994005; CI-8807
05/25/2011	4A567500209	The Olson Company	NPDES – Order Nos. R4-2003-0111 and R4-2008-0032; CAG994004; CI-9206
06/15/2011	4B192348001	Paramount Petroleum Corp.	NPDES

Stormwater Compliance & Enforcement

Summary of Database Management

Data Clean-up

Harumi Goya

The SMARTS database contained many discrepancies. For example, enforcement records associated with over 1,000 violation records are missing. The clean-up process for these records continued in this quarter.

1 Notice of Termination were denied:

Date Issued	WDID#	Permittee	Type
5/12/2011	4 19I009209	Crockett Container	Industrial

1 Notice of Non Compliance was issued::

Date Issued	Permittee	Type
6/9/2011	Promate Produce	Industrial

1 Notice to Comply was issued:

Date Issued	WDID#	Permittee	Type
5/19/2011	4 19I021328	Polycell International Corp	Industrial

7 Benchmark Exceedance Letters were re-sent:

Date Issued	WDID#	Permittee	Type
6/8/2011	4 19I021826	Cemera Long Beach	Industrial
6/8/2011	4 19I018656	Milgard Manufacturing, Inc.	Industrial
6/8/2011	4 19I006987	Kelley Pipe Co.	Industrial
6/8/2011	4 19I003940	Dewitt Petroleum	Industrial
6/8/2011	4 19I005960	Fed Ex	Industrial
6/10/2011	4 19I000719	Valley Plating Works Inc.	Industrial
6/10/2011	4 19I013631	Fed Ex	Industrial

2 Requests for Time Extension was approved:

Date Issued	WDID#	Permittee	Type
5/13/2011	4 19I014346	C&C Mountaingate Inc.	Industrial
5/25/2011	4 56C325181	DR Horton	Construction

20 Notices of Violation were issued:

Date Issued	WDID#	Permittee	Type
5/10/2011	4 56C350430	Aldersgate Investment, LLC	Construction
5/18/2011	4 19I006450	Con Way Freight	Industrial
5/23/2011	4 19I020116	WMC Precision Machining & Grinding Inc.	Industrial
5/24/2011	4 19I005960	Fed Ex	Industrial
5/26/2011	4 19I016305	Structural Materials Co.	Industrial
6/1/2011	4 19I021661	Bolero Plastics	Industrial
6/1/2011	4 19I022981	Ronford Products, Inc.	Industrial
6/2/2011	4 19I022982	Alliance Ready Mix	Industrial
6/8/2011	4 19I004124	Brown Pacific Inc	Industrial
6/8/2011	4 19I004458	Los Angeles Galvanizing	Industrial
6/8/2011	4 19I016023	Accu Chem Conversion Inc	Industrial
6/8/2011	4 19I018849	Valley Forge Acquisition Corp	Industrial
6/8/2011	4 56C353639	Roman Catholic Archbishop of Los Angeles	Construction
6/8/2011	4 56C356744	Ventura County Community College District	Construction
6/8/2011	4 56C356790	Ventura County	Construction
6/8/2011	4 56C357356	City of Oxnard	Construction
6/8/2011	4 56C359018	Cabrillo Economic Development Corp	Construction
6/8/2011	4 56C359523	City of Oxnard	Construction
6/8/2011	4 56C359894	DR Horton Ven Inc	Construction
6/9/2011	4 19I018816	Ranfam Inc.	Industrial

Remediation Program

Site Clean Up I

PQ Corporation Case Closure, South Gate

Luis Changkuon

The site has been occupied by PQ Corporation (PQ) since 1930 in the manufacturing of sodium silicate and related products. PQ used two unlined ponds to temporarily store recycling cooling water used during their manufacturing activities. In 1988 the ponds were excavated, backfilled and paved with asphalt. Adjacent to the ponds is a tank farm area with two aboveground storage tanks (ASTs) that stored fuel oil and diesel. The ASTs were taken out of service in 1992.

From 1989 to 1993, subsurface investigations were conducted at the site to assess the soil and groundwater contamination resulting from spillage of diesel and No. 6 fuel oil at the tank farm area and immediate vicinity, including the recycling water ponds. Results of the investigations indicated that total petroleum hydrocarbons as diesel (TPH-d) and elevated pH impacted soil and perched groundwater were limited in the vicinity of the tank farm and former recycling water ponds at depths up to approximately 20 feet below ground surface (bgs) and presence of a hard clayey silt layer or well consolidated sediments at approximately 15 to 20 feet bgs. The deeper groundwater zone encountered at approximately 75 feet bgs was not impacted with TPH or elevated pH.

In 2009, an additional investigation was conducted at the site. Results of this investigation indicate that the vertical and lateral extent of TPH-d and elevated pH impacted soil and perched aquifer have been stable and shrinking, when compared to the initial results of the early 1990s.

Based on the information provided to the Regional Board, and with the provision that the information is accurate and representative of site conditions, the Regional Board requires no further action (NFA) for subsurface investigation and remediation at the site. The case was closed in April 2011.

Chevron Montebello Terminal, Montebello

Gregg Crandall

The Chevron Montebello Terminal site, located at 601 South Vail Avenue, Montebello, has distributed gasoline, gasoline additives, and diesel fuel since 1945. The original site covered 43 acres but was partially divested into four parcels in the 1990s. Parcels 2, 3, and 4 were redeveloped to respectively include warehouse/trucking operations, commercial buildings with parking lots, and a regional transit center. The existing Chevron Montebello Terminal operations are limited to the northeast $\frac{1}{4}$ of the original site (Parcel 1). Soil and soil vapor data collected to date was reviewed to determine if a soil-only closure could be granted for divested parcels 2, 3, and 4, where residual soil contamination is not considered a significant threat to groundwater resource. Shallow soil vapor samples were also collected and a human health risk assessment (HHRA) for vapor intrusion into indoor air was performed for the divested properties. Upon review of the HHRA, OEHHA concurred that there is a low vapor intrusion risk to human health. Three separate closure packages for soils-only have been prepared for divested parcels 2, 3, and 4, and the owner of divested parcel 2 has already been notified of the Regional Board's intent to issue a soil closure for this property. Similar notifications are expected to be sent to the owners of parcels 3 and 4 in the near future. Regional Board will consider and address any comments from the property owners or operators and determine if soil closure is appropriate for divested parcels 2, 3, and 4 in the near future.

Site Clean Up II

O'Neil Data Systems, Los Angeles (SCP # 0882)

Pinaki Guha-Niyogi

The site was formerly used for assembly/manufacturing of respirator products and assembly of computers. Currently, O'Neil Data Systems, which publishes the *Investors Business Daily* newspaper and other commercial documents, occupies the referenced site (Site) and has been using it for commercial printing, since 1992.

The chemicals that have been released on-site primarily include Perchloroethylene (PCE) and Trichloroethylene (TCE) and, to a lesser extent, 1,1-Dichloroethylene (1,1- DCE) and 1,1-Dichloroethane (1,1-DCA). PCE and/or TCE have subsequently de-chlorinated significantly in the subsurface to cis 1,2-Dichloroethylene (cis-1,2-DCE) and, to a much lesser extent, trans 1,2-Dichloroethylene (trans-1,2-DCE). The release has impacted both soil and the uppermost semi-perched/semi-confined aquifer.

Partner Engineering and Science, Inc. (Partner) determined that the most cost-effective method of addressing the residual soil and groundwater contamination would be in-situ chemical oxidation (ISCO), which involves the injection of treatment compounds into the subsurface to de-chlorinate adsorbed phase contamination. Partner indicated that the soil underlying the subject property does pose significant limitations due to the low permeability of clay. However, Partner anticipates that this limitation can be addressed through a dense network of injection points and the use of hydraulic fracturing, which serves to increase permeability pathways in which injected compounds can disperse and mix with contaminated soil. Partner estimates that approximately 2,700 cubic yards (4,000 tons) of impacted soil will require the ISCO treatment.

The ISCO treatment will involve injection of potassium permanganate solution into source area soils through a network of 16 injection points spread across the impacted area. Potassium permanganate will be delivered to the site in 5 gallon pails and batched mixed in stainless steel tanks to concentrations as high as 5%. Once mixed, the permanganate will be injected through a progressive cavity pump where pressure, flow and total flow will be continuously monitored.

We completed our review of Partner's application for coverage under the General Waste Discharge Requirements to evaluate the effectiveness of potassium permanganate addition in reducing concentrations of chlorinated hydrocarbon compounds in soil and groundwater within the pilot study area at the Site. After review of the information presented along with the application, we determined that the proposed discharge meets the conditions specified in Regional Board Order No. R4-2007-0019, "*General Waste Discharge Requirements for Groundwater Remediation at Petroleum Hydrocarbon Fuel, Volatile Organic Compound and/or Hexavalent Chromium Impacted Sites,*" adopted by this Regional Board on March 1, 2007. Therefore, the General WDR Permit for potassium permanganate injection was issued on March 29, 2011, paving the way for the injection to commence at the Site.

The potassium permanganate injection activity was successfully completed on May 12, 2011, in accordance with the General WDR Permit that was issued to Citicorp. North America, the Responsible Party (RP) for this site.

Oil Operators, Inc., Long Beach (SCP # 0882)

Pinaki Guha-Niyogi

The Oil Operators Incorporated (OOI) property covers approximately 20-acres and is located south of the 405 Freeway, east of the 710 Freeway and the Los Angeles River, in the City of Long Beach. It is bounded on the south by Wardlow Road and on the east by Golden Avenue. A residential development is present to the east of the property, across Golden Avenue. The site address is 712 West Baker Street. Baker Street divides the property into two parts, a northern part and a larger southern part. The Los Angeles River is

immediately to the west of the property.

OOI is a non-profit cooperative organization of numerous oil companies, operators and individuals that operate oil wells in the Long Beach/Signal Hill area. OOI owns the subject property and has operated on-site water treatment facilities since 1926 to treat produced water (production brines) and other fluids recovered during oil production. The aforementioned process removed oil and sediment from the water, allowing the treated water to be disposed of offsite. As a by-product of this process, low-grade oil was recovered for recycling. In the mid 1950s, a water treatment plant was constructed onsite consisting of five circular concrete skimming basins and associated pumps, tanks, pipelines and other facilities. The treatment plant was located north of the two large rectangular basins, referred to as Basins 1 and 2.

Basin 1 is a large square settling basin that contained residual oily solids that settled out of the oil production brine water processed throughout the site over the last several decades. Basin 2 received relatively clean water, after it had gone through various stages of skimming. In Basin 2, the treated water was held until it was released to the sanitation district for disposal. Additional smaller basins were historically present south of Basins 1 and 2. These smaller basins were closed in 1986 and 1987.

Prior to ceasing operations in 1998, the OOI facility consisted of five circular concrete skimming basins, Basins 1 and 2, various aboveground storage tanks and surface buildings. Much of the vacant area of the property was formerly leased to a plant nursery. The property had been undergoing decommissioning in phases since 1998. The nursery vacated the site in 1999. In 2000, the City of Long Beach ordered all buildings, sheds and similar structures to be demolished with the debris hauled offsite. In 2001, the remaining aboveground storage tanks were cleaned and demolished. Currently, the site is vacant. The soil and groundwater beneath the property is being investigated, under Regional Board's oversight.

Once the contaminated soil and groundwater are fully assessed and cleaned up to the satisfaction of Regional Board, the site is proposed to be developed for recreational purposes into a public park. We are pleased to be working with the Responsible Party (RP) and its consultants, as well as the City of Long Beach, as a team in an effort to redevelop the property, so that it can be restored to beneficial use for the residents in the community. Recently, Councilman James Johnson, who represents the area where the site is located, came to our office to meet with us and discuss the project. The Councilman plans to be closely involved with the project from hereon.

The next phase of soil vapor and groundwater investigations will begin shortly. The results of the ongoing investigations at this site is shared with the community so that the local residents are well informed about the status of the environmental investigations in progress at the site and the surrounding residential areas.

Status Report on Disney Buena Vista Facility in the Burbank Operable Unit

Larry Moore

As previously presented in the February and May 2011 EO reports, on January 18, 2011 the Regional Board received the Disney work plan and the review was completed on March 31, 2011. The conditional work plan approval letter was completed and sent to Disney and other interested parties on April 18, 2011. Disney provided responses to the conditional approval letter on May 27, 2011. Field work to implement the work-plan is scheduled to begin the week of June 27th.

On June 15, 2011, Regional Board staff completed a "Freedom Of Information Act (FOIA)" request from Disney's outside legal counsel.

Status Report on Excello Activities in the Glendale Operable Unit

Larry Moore

As stated in the May 2011 EO report, the Site submitted a work plan to develop a Remedial Action Plan (RAP) in October 2009. The work plan was approved in December 2009 at which time the Site began working on developing the RAP. The “draft” RAP was submitted in January 2010 and approved in November 2010.

Presently, work has begun on implementing the RAP with the first task Hazardous Materials Building Survey (HMBS) work plan being submitted, reviewed and implemented from February through March 2011. A final report summarizing the findings of the HMBS investigation was submitted to the Regional Board during May 2011. Regional Board staff have begun to review the final report.

On October 13, 2010 examples for “draft” community public outreach fact sheets were submitted by the Site to Regional Board staff and legal counsel for review and approval. Discussions and meetings between the Regional Board, State Water Resources Control Board (SWRCB), USEPA and the Site continued from October 2010 through May 2011 at which time the fact sheet was completed and approved. During May 2011, a resolution announcing a “draft” Prospective Purchaser’s Agreement (PPA) was completed. If approved, the draft PPA would become final in July 2011 and would be entered into by the Regional Board and Ralphs/Kroger.

The PPA will be presented to the Regional Board members during the July 14, 2011 Regional Board meeting.

A public meeting was conducted on May 26, 2011 at the City of Glendale’s Public Library. The meeting’s purpose was to inform and educate the public on the fact sheet, draft PPA, and RAP. A 30-day period, allowing the public to provide comments began on May 16, 2011. The comment period is scheduled to end on June 17, 2011. Several public meeting practice sessions were conducted during April and May between staff of the Regional Board, State Water Resources United States Environmental Protection Agency (USEPA), Ralphs/Kroger,

The final “Ability to Pay (ATP)” analysis evaluation based on information on the Site’s sale from the existing property owner to Kroger/Ralphs was completed in May 2011. The evaluation also included a review of the present property owner’s (i.e., Spirito Family Trust) tax records.

Dominguez Channel Release, Carson

Greg Bishop

LNAPL has been daylighting within the bottom of the Dominguez Channel south of Carson Street in Carson, California, since January 2011. USEPA has led a group of State and local regulatory agencies in controlling and determining the source of the channel release. Los Angeles County Department of Public Works (LADPW) owns the channel and is responsible for operating containment booms and sorbent pads to control surface sheen migration within the channel. Regional Board staff have been assisting the USEPA in investigating the source of the release.

The LNAPL was initially assumed to have been originating from a Plains pipeline directly beneath the location where the LNAPL daylighting is occurring in the channel. However, the pipeline carries crude oil and the daylighting product is dominantly lighter-end gasoline-range hydrocarbons, with a small fraction of heavier-end compounds. In addition, the Plains pipeline underwent and passed pressure and tracer tests, indicating that it is likely not the source of LNAPL release to the channel.

Regional Board staff have identified and begun investigating other possible sources of the release:

- An operating gasoline station (Unocal 76 station) with known LNAPL in groundwater west of the channel.
- A series of five pipelines that extend beneath the channel from the north within Perry Street (one of these lines is the Plains crude oil line).
- A known dissolved-phase gasoline pipeline release within Perry Street northeast of the channel and adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- An inactive gasoline station (former Texaco) northeast of the channel and adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- An inactive gasoline station (former Humble Oil) northeast of the channel and adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- A former RV manufacturing facility (former Carson Air Harbor) with a former septic system that was converted to a waste oil tank. This site has detected LNAPL in a groundwater monitoring well. This site is adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- Pipelines adjacent to the east side of the channel, along the west side of Carson Air Harbor.
- A former RV service facility (former Active RV) adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- Three petroleum pipelines along the west side of the channel.
- Petroleum pipelines within Recreation Road, west of the channel.
- Undocumented fuel tanks at Go Kart World, west of and adjacent to the channel.
- A pipeline corridor approximately 0.25 mile west of the channel with eight petroleum pipelines (there are sewer lines between the corridor and the channel release which make these lines a candidate if the sewer lines or their tranches are a transport mechanism).

A similar release that occurred near Del Amo Street and the Dominguez Channel c. 1998. This release may have moved downgradient and resurfaced.

In addition, the Dominguez Channel infrastructure includes a subdrain system: a set of horizontal perforated pipes within each levee. LNAPL has been detected within the subdrain systems along both the east and west banks of the levee. Regional Board staff hypothesized that LNAPL may be entering these subdrain systems away from the daylighting location within the channel and being transported beneath the channel by a physical structure (e.g., the Plains pipeline trench).

During May and early June 2011, the Regional Board took the following actions:

In April 2011, the Regional Board issued eight California Water Code section 13267 investigative Orders to entities associated with fuel pipelines and underground storage tanks (USTs) suspected of having contributed to the channel release. The Orders require an investigation of the subsurface to delineate impact around the channel release, individual pipelines and USTs, and to determine if the pipelines and USTs have releases linked to the channel release. Recipients of these Orders were: Chevron Pipeline, ConocoPhillips Company, Crimson Pipeline, Shell Oil Products US, Tesoro Corporation, Prowell Family Trust, Chevron Environmental Management Company, and BP Pipelines. To follow-up and encourage a productive work product resulted from these Orders, Regional Board staff made a technical presentation to Responsible Parties in an effort to communicate physical conditions of the release and to encourage collaboration among the Responsible Parties.

The Regional Board issued a Cleanup and Abatement Order (CAO) to the LADPW to continue extracting LNAPL from the Dominguez Channel surface and to submit a work plan to extract LNAPL that had been

observed within the channel subdrain piping. The subdrain piping LNAPL extraction was intended to prevent discharge of the LNAPL in the subdrain piping, which is perforated, to the channel waters and to prevent lateral spread of LNAPL within the piping and releases to adjacent commercial and residential properties. Prior to issuing the CAO, the Regional Board issued a directive to LADPW with similar requirements as the CAO. The CAO was issued in response to an April 28, 2011, letter in which the LADPW responded to the directive stating that they believe that further evaluation was needed before an effective plan can be devised to extract LNAPL from the subdrain system.

Regional Board staff reviewed six work plans and investigative data associated with the the Dominguez Channel. Regional Board staff are currently considering how to respond to these work plans in order to initiate field work for site investigations.

Regional Board staff oversaw and inspected field investigation work performed by the Prowell Family Trust at the former Humble Oil gas station and the former Active RV site.

Regional Board staff collaborated with City of Carson staff in preparing a resolution passed by the City of Carson's city council indicating their support for Regional Board actions at the Dominguez Channel release and directing City staff to streamline permitting and other activities that may require City of Carson input regarding the Dominguez Channel release.

Other agencies involved in regulating or monitoring the release include the Los Angeles County Fire Department, California Department of Fish and Game, South Coast Air Quality Management District, CalFire, and the City of Carson.

Requirement for Post Remediation Soil Assessment, BDP Carrier, City of Industry, California

Don Indermill

The United Technologies Corporation is the Responsible Party for the BDP Carrier site in the City of Industry, California. UTC is participating in the regional ground water remedy of the Puente Valley Operable Unit as overseen by the USEPA. Soil remediation at the site has been occurring for 23 years with soil vapor extraction. UTC has requested to terminate the SVE operations. In preparation, the Regional Board is requiring an assessment of volatile organic compound in the area of the impacted soil. If VOC concentrations are sufficiently low, a "no further requirement for soil only" letter could eventually be issued for the site.

Hollyway, Los Angeles

Bizuayehu Ayele

Hollyway Cleaners is an active dry cleaning facility (site), located in the Echo Park neighborhood of Los Angeles, approximately 820 feet northeast of Echo Park Lake. Dry cleaning operations have been conducted at the site since approximately 1941.

In March 1988, in a pre-purchase due diligence, soil and groundwater contamination was discovered. Continued site assessments conducted under the Regional Board's oversight indicated that the site is contaminated with volatile organic compounds (VOCs), particularly perchloroethylene (PCE).

However, the site assessment is not yet completed and the site is not yet cleaned up due to financial problems encountered by the current property owner.

On May 11, 2011, the Regional Board issued and sent a draft Cleanup and Abatement Order (CAO) to the former and current operators of Hollyway Cleaners and the former and current property owners. The responsible parties (RPs) named in the Order are invited to review the Order and send their comments by June 24, 2011.

Once the comments are received from the RPs, Regional Board staff will prepare a response to comments, recommend appropriate modifications to the draft CAO, and submit the materials for the Executive Officer's consideration for issuing the final CAO.

Site Clean Up III

Crescent Square Shopping Center

Steve Rowe

The Crescent Square Shopping Center (Site) is a 0.93-acre multi-tenant retail strip mall located within a mixed commercial/residential portion of West Hollywood. The Site was originally developed in 1926 and at that time included a gasoline service station and automotive repair shop. The gas station was demolished and the Site was extensively remodeled in 1960. Since that time, various retail tenants have occupied the Site, including a dry cleaner and print/copy business. Dry cleaning operations have been conducted at the Top Hat Cleaners since 1961. As a result of these operations, soil, soil vapor and groundwater have been impacted with chlorinated volatile organic compounds (VOCs), including primarily tetrachloroethylene (PCE). Petroleum hydrocarbons from the former gas station have also been detected in soil and groundwater, although to a much lesser extent than PCE. Since 1999, multiple soil, soil vapor and groundwater investigations have been conducted at the Site under Regional Board direction. In March 2000, 75 tons of PCE-impacted soil was excavated to a depth of 10 feet bgs beneath the former dry cleaning machine.

Walgreens Corporation is the current property owner and plans to redevelop the Site. The planned redevelopment includes a two- to three-story retail mixed commercial/residential facility and subterranean parking structure. To accommodate the parking structure, Walgreens plans site-wide excavation to a depth of 15-20 feet. The redevelopment is tentatively scheduled to begin in late 2012 pending results of an Environmental Impact Report (EIR) by the City of West Hollywood. The Regional Board issued a CWC 13267 Order in June 2009 to address the proposed remedial soil excavation at Top Hat Cleaners and address site-wide assessment and remediation necessary for the planned redevelopment.

On November 16, 2009, Regional Board staff and management met with representatives of Walgreens, the City of West Hollywood, the Top Hat Cleaners, the Four Seasons Cleaners and the responsible party to discuss the roles and coordination required from the multiple parties to address the cleanup required prior to the redevelopment and clarify the requirements in our Order. Due to the site-wide excavation, the City of West Hollywood planned to investigate, mitigate and remediate site-wide shallow soil and soil vapor contamination as part of their Environmental Impact Report (EIR). Residual soil, soil vapor and groundwater contamination remaining below the construction depth of 20 feet bgs will be investigated and remediated by the responsible parties (Crescent, Top Hat) under Regional Board oversight. Because of the depth and limited access to the deeper soils, much of the investigation and cleanup will be conducted after the current buildings have been demolished. Following the November 2009 meeting, Regional Board staff received Soil Management Plans and workplans for shallow soil and soil vapor assessment to be used as part of the City of West Hollywood's EIR. However, staff was not specifically notified of when the EIR would be issued.

On May 5, 2011, Regional Board staff was contacted by a representative from WeHo Neighbors, a local

neighborhood community group, that the City of West Hollywood had issued a Draft EIR for public review and comment on March 24, 2011, and that the 45-day comment period would end on May 9, 2011. As a result, Regional Board staff did not have a chance to sufficiently review and comment on the Draft EIR. As the lead regulatory agency for overseeing environmental assessment and cleanup of hazardous materials at the Site and in accordance with CEQA regulations, we have the authority and responsibility to review and provide comments on the Draft EIR as necessary. Therefore, Regional Board staff submitted a letter to the City of West Hollywood requesting for an extension of the comment period accordingly. The City of West Hollywood complied with our request and issued a revised *Public Notice of Availability* dated May 26, 2011. The revised deadline for public review and comments, including Board staff's comments, is now July 11, 2011. Regional Board staff will complete its review of the Draft EIR and provide comments as necessary to the City of West Hollywood by this deadline. Following our response to the Draft EIR, Regional Board staff will address the planned investigation and cleanup of soil, soil vapor and groundwater, which is within the scope of our current Order.

Former General Chemical Property, El Segundo, CA

Dr.Noori Alavi

The former 7.6-acre General Chemical Corporation (General Chemical) El Segundo facility (Site) is located at 880 South Sepulveda Boulevard in El Segundo, California. The Site including Parcel 3B (5.4-acre Parcel) is part of a larger, overall redevelopment program known as the Sepulveda/Rosecrans Site Rezoning Area (SRZ). The Site has been utilized for chemical manufacturing operations for approximately 70 years including Pesticide Grinding and Packaging.

Since 2005, General Chemical, Rosecrans-Sepulveda Partners (RSP), and Honeywell International Inc. (Honeywell) conducted a several environmental assessments including soil, soil vapor and groundwater investigations at the Site. Soil investigation results indicated that the pesticides including DDT, DDE, and alpha-, beta-, and gamma-BHC, and metals (in particular lead) were the main Contaminants of Concern (COCs). The investigation results also indicated that the pesticides were impacted in soil to approximate 20 feet below ground surface (bgs).

Deeper soil, soil gas, and groundwater at the Site were impacted with VOCs from the former Honeywell site. The first groundwater at the Site occurs within the ODS Aquifer at an approximate depth of 107 feet below ground surface (bgs). Honeywell is currently in the process of planning and implementing remedial activities to address the cleanup of the VOCs at the Site. Groundwater beneath the Site is also impacted with low concentration of lindane (1.4 ug/L) generated from former General Chemical facility. The maximum contaminant level (MCL) for lindane is 0.2 ug/L. RSP plans to construct 3 commercial buildings (Building Envelope Area) in the northern half of the Parcel 3B. The southern half of the Parcel 3B is planned to be developed into a Surface Parking Area.

In late 2008, a Remedial Action Plan (RAP) was prepared by Bowyer Environmental Consulting Inc. (BEC) on behalf of RSP and submitted to the Regional Board. The RAP proposed and evaluated the following remedial options for Parcel 3B:

All of the proposed remedial options involved soil excavation, offsite disposal, and capping. Based on the results of soil investigation and feasibility studies, particularly cost associated with implementation of different remedial alternatives, RSP concluded that if all of the unsuitable soils were to be excavated, approximately 89,000 cubic yards (Alternative B2, see above Table) of soil would need to be disposed of offsite. RSP claimed that the implementation of a remedial program of this scale would not be technically feasible (majority of Parcel 3B needs to excavate up to 20 feet bgs) and will cost up to \$14,000,000. Consequently, RSP recommends alternative C as a remedial option for Parcel 3B.

Currently, the Regional Board is reviewing the RAP to determine an appropriate remedial action to protect human health and groundwater resources at the Site.

Defense Fuel Support Point Norwalk Tank Farm, Norwalk

Paul Cho

After over 80 years of being a part of the Norwalk landscape and nearly 10 years after fuel storage ended, the above ground storage tanks were removed in February 2011. Defense Logistics Agency Energy (DLAE) is the responsible party for the Norwalk tank farm. DLAE submitted a workplan in April 2011 to investigate soil contamination after the demolition activities of concrete and various non-operational site features. Regional Board staff commented the workplan in the May 3, 2011 letter requesting additional information by June 10, 2011.

DLAE also submitted an assessment report in January 2011 for subsurface light non-aqueous phase liquid (LNAPL) characterization. DLAE has conducted the subsurface LNAPL investigation using an ultra-violet optical screening tool (UVOST). DLAE has performed UVOST sampling at 15 locations throughout the site. Regional Board staff commented the assessment report in the May 10, 2011 letter requesting additional characterization workplan including LNAPL mobility study by June 30, 2011.

Regional Board staff met with the city of Norwalk officials on May 25, 2011 to discuss environmental programs at the site and paths toward for a site redevelopment. Regional Board staff plans to coordinate a meeting with DLAE, Air Force, and city of Norwalk after soil investigation is completed to discuss possible paths toward timely site redevelopment.

The International Longshore and Warehouse Union Local 13 Project, Wilmington

Paul Cho

On May 5, 2011, Pacific Maritime Association has signed the Regional Board's site cleanup program oversight cost reimbursement account for their development of the International Longshore and Warehouse Union Local 13 Dispatch Hall Project. In order to accommodate the construction schedule, Regional Board staff reviewed the project's Draft Initial Study/Mitigated Negative Declaration dated April 15, 2011 and prepared a comment letter dated May 17, 2011. Regional Board staff also provided technical consultation on May 12 and May 17, 2011 to move forward with the construction schedule.

Former kast Tank Farm Property, Carousel Residential Neighborhood Tract, Carson

Dr. Teklewold Ayalew,

The Regional Board has completed the review of a *Pilot Test Work Plan*. The scope of proposed work includes: 1) excavation of impacted soil using five excavation/shoring methods or approaches for evaluation at six (6) locations. A number of properties or combinations of properties were identified as suitable candidates for the work with provisions for relocation of residents during the pilot testing activity; and 2) in-situ chemical oxidation by injecting gas and solution oxidants at two (2) locations. The results of the pilot testing will be used to develop and assess different potential remedial strategies, and will be incorporated into the analysis and recommendations that will be contained in the Remedial Action Plan for the Site, as required by the Cleanup and Abatement Order (CAO) issued on March 11, 2011.

Current field activities include installation of groundwater monitoring wells advanced into the Gage Aquifer, and off-site multi-depth soil and soil vapor sampling. The off-site vapor sampling is designed to evaluate whether vapor intrusion pathway is complete and if current conditions warrant parcel-by-parcel sampling of off-site properties.

No Residential Sampling and/or methane screening is scheduled since May 20, 2011. Regional Board is concerned with the recent slow-down of access in filling up the testing schedule. The completed Residential Sampling Activity as of **May 20, 2011** is as follows:

- 260 homes have been screened for methane (91%);
- 260 homes have had soils sampled and vapor probes installed (91%);
- 249 homes have had sub-slab soil vapor probes sampled (87%); and
- 39 homes have had indoor air sampled (14%).

Former Athens Tank Farm / Ujima and Earvin Magic Earvin Johnson Regional Park, Los Angeles

Dr. Teklewold Ayalew

On May 11, 2011 the Los Angeles Regional Water Quality Control Board (LARWQCB) hosted a community meeting at the Enterprise Park Gymnasium, Willowbrook, California. During the meeting, Mr. Samuel Unger, Executive Officer (LARWQCB), was joined by other Regional Board and Department of Toxic Substances Control Staff, and provided an overview of the site investigation, results of the lake investigation, progress report on the human health risk assessment and upcoming activities and responded to community member questions and concerns.

The Regional Board has received and reviewed the documents titled *Draft Mitigated Negative Declaration California Environmental Quality Act (CEQA)* and *Notice to Public of Availability of Draft Mitigated Negative Declaration and Notice of Comment Period for the Ujima Village Demolition and Conversion to Park Project* (proposed project), dated May 25, 2011, submitted by the Community Development Commission of the County of Los Angeles. Regional Board has requested for a comprehensive soil management plan that includes mitigation measures to reduce potential risks associated with the petroleum impacted soils and soil vapors, proper decommissioning and/or ways of preserving or maintaining the boreholes and groundwater monitoring wells situated on the Ujima Village, and expressed concerns of nuisance, fugitive dust/vapor inhalation, etc., impacting the day care center immediately south of the Ujima Village.

The off-site soil vapor probe installation and vapor sample collection is completed. The off-site sampling is designed to quickly identify whether or not the vapor intrusion to indoor air pathway is complete and to evaluate the potential for soil vapor migration to adjacent properties. Borehole clearance and vapor probe installation associated with the on-site portion of the Off-Site Investigation Work Plan began the last week of April, 2011. On-site soil vapor probe installation and sampling activities are in progress.

Site Clean Up IV

ExxonMobil Torrance Refinery, Torrance

Mohammad Zaidi

In a community meeting held in Torrance on June 9, 2011, staff presented progress of subsurface soil gas monitoring, upcoming plans for soil vapor extraction (SVE) pilot test and design of a full-scale SVE system to be used for remediation of the Del Amo Boulevard Area soil gas plume. The vapor plume primarily contains elevated concentrations of benzene and methane in the subsurface soil gas, at 5-foot depth below ground surface (bgs) at some locations, but mostly from a depth of 15 feet bgs to groundwater at a depth of 70 feet bgs under some homes and commercial buildings located near the intersection of Del Amo Boulevard and Van Ness Way, near the southeastern corner of the 750-acre ExxonMobil Torrance Refinery.

The Del Amo Investigation was initiated immediately after receiving a report of gasoline vapor intrusion in a residence located at 2101 Del Amo Boulevard in November 2007. DTSC determined that no further action is necessary after human health risk evaluation of the indoor air sampling results for 21 homes in the investigation area. Staff continued to work on the remedial action issues. As part of the remediation measures,

ExxonMobil has purchased 10 houses on Del Amo Boulevard, and their demolition will make easier to perform a soil vapor extraction pilot test and design and install the remediation system to cleanup the subsurface soil gas contamination. Following demolition, a restoration landscaping will be performed. The restoration landscaping will also create two green areas for water conservation.

Staff is anticipating the results of the SVE pilot test and demolition of 10 houses in this summer. Also, the quarterly monitoring for soil gas, free-product, and groundwater in the Del Amo Area is continued.

Participation in the Light Non-Aqueous Phase Liquids (LNAPL) Working Group with Western States Petroleum Association:

Mohammad Zaidi

Regional Board agreed to establish a Light Non-Aqueous Phase Liquid (LNAPL) Working Group with Western States Petroleum Association (WSPA) to develop a cooperative approach to addressing LNAPL problems, with respect to updates of Cleanup and Abatement Orders (CAOs) to refineries in the Los Angeles basin. As a member of the LNAPL Working Group, staff reviewed and provided comments on the Draft LNAPL Conceptual Site Model and Literature Review of LNAPL Recoverability Study. The comments were provided on subsurface LNAPL characterization and LNAPL recovery processes and field methods, limitations of using LNAPL transmissivity determined from baildown tests as the sole parameter in deciding termination of LNAPL recovery, and implementing soil and soil gas remediation in addition to ongoing removal of LNAPL and remediation of dissolved phase contamination in groundwater plumes. Staff continues to participate in the group for finalizing the draft documents and progress of a pulsed oxygen injection pilot test at Shell Carson Terminal.

Glasgow Property, Inglewood

Cris Morris

The Glasgow Property is located in the City of Inglewood, approximately one mile northeast of the Los Angeles International Airport. The property is currently vacant and approximately one-third of the site is paved with concrete. In 1990, a 750-gallon Underground Storage Tank (UST) was removed which had contained waste cutting oil tainted with volatile organic compounds (VOCs), such as trichloroethylene (TCE) and tetrachloroethylene (PCE). Although the County of Los Angeles Department of Public Works certified that the soil investigation and soil remedial actions were complete. There are concerns on the potential VOC impact to the groundwater quality below the site. Per Regional Board's Order, three groundwater monitoring wells will be installed in this July and the subsequent monitoring result is due October 15, 2011. After one year of quarterly monitoring, the results from this first phase of investigation will be used to assess the potential impact of volatile organic compounds (VOCs) to groundwater originating from the Site and to evaluate the next phase.

Regency Center (Former Lakewood Kohls), Lakewood:

Cris Morris

The Regency Center property (Site) used to have a strip mall with a dry cleaner, Cal Cleaners. Regency acquired the property in July 1979 and demolished the buildings in 1989. A retail shopping center, including a Kohl's department store, was built on the property in 2002. In the previous location of Cal Cleaners, environmental investigations in 2000 indicated that tetrachloroethylene (PCE) concentrations were as high as 130 micrograms per liter ($\mu\text{g}/\text{L}$) in the soil vapor at 5 feet below ground surface, 4,600 milligrams per kilogram (mg/kg) in the soil samples and 101 milligrams per liter (mg/L) in the groundwater. A Soil Vapor Extraction (SVE) treatment system has been in operation since February 2008 using 22 triple nested SVE wells. As of December 2010, the SVE system has removed approximately 7,355 pounds of PCE.

To supplement the ongoing soil vapor remedy onsite with groundwater remediation, Regency conducted a

membrane interface probe (MIP) study in January 2010. In addition to refining the vertical PCE distribution in the subsurface and confirming the lithology of the Site, this study also established the vertical injection interval for an In-Situ Chemical Oxidation (ISCO) pilot study. Analytical results revealed that limited vertical migration of VOCs has occurred due to restrictive and low permeable soils in the Bellflower Aquiclude. The highest concentration of PCE detected in a soil sample was 1.5 mg/kg and the highest concentration in a groundwater sample from the shallow, semi-perched aquifer, was 4,900 µg/L at a depth of 55 ft-bgs.

After submitting and receiving approval of a workplan to conduct an onsite ISCO pilot test using sodium persulfate, nine injection points and four temporary monitoring piezometers, Regency submitted the Waste Discharge Requirement (WDR) permit application. The purpose of the onsite ISCO pilot study is to determine the effectiveness of the pilot test as a necessary prerequisite to developing a full scale remediation plan for the Site. Regional Board staff reviewed the application and the case was enrolled in Regional Board Order No R4-2007-0019, “*Revised General Waste Discharge Requirements for Groundwater Remediation at Petroleum Hydrocarbon Fuel, Volatile Organic Compound and/or Hexavalent Chromium Impacted Sites.*” Regency has started installing the piezometers and is looking to begin sodium persulfate injections the week of June 27th.

Former Clariant Oil Services, Long Beach

Robert Ehe

On May 23, 2011, the Executive Officer issued a letter to approve further remedial action at the former Clariant Oil Services facility in Long Beach. This action was the excavation and removal off-site of soil contaminated with total petroleum hydrocarbons (TPH)-gasoline, TPH-diesel, and for volatile organic compounds (VOCs), and then backfill with clean soil (gravel). This action also included the application of Oxygen Release Compound (ORC) to the base of the excavated areas mixed with the backfill. The letter dated May 23, 2011 also modified Waste Discharge Requirements (WDR) approval for the site under General WDR Order No. R4-2007-0019 to provide for the further excavation, and the letter required an additional down-gradient groundwater monitoring well be installed. This further remedial action was began on May 31, 2011, and was completed on June 6, 2011. Approximately 1,250 tons of contaminated soil was excavated at the site and removed off-site for thermal treatment.

Los Angeles Air Force Base, Former Air Force Exchange Service Gas Station, El Segundo

Henry Jones

The former Los Angeles Air Force Base, Army Air Force Exchange Service gas station was a vehicle fueling facility located on approximately 0.33 acres of land in the City of El Segundo. The constituents of primary concern include petroleum hydrocarbons from gasoline fuel storage.

On May 12, 2011, a teleconference was held between the Regional Board and Shaw Environmental, Inc. to discuss the results of the *Draft Groundwater Monitoring Report, January 2011 Sampling Event*. Discussions in the teleconference included the observed increase in groundwater concentrations, which may be indicative of the wetter rain season. The concentrations in groundwater may decrease with the dry season, and may decrease with the proposed implementation of a soil vapor extraction system, which is currently in the pilot testing phase,

And on May 26, 2011, a teleconference was held between the Regional Board and the Air Force to discuss slope re-stabilization activities at Fort MacArthur, where a fuel storage site had been. Fort MacArthur is used for housing Los Angeles Air Force Base military personnel. Staff found the possibility of additional impacts to soil and groundwater that may not have been previously known. The Air Force has proposed soil vapor and limited groundwater sampling for the protection of workers, and as a screening tool to determine if additional contamination exists. Should additional contamination be encountered, the Air Force will reopen the case file with the Regional Board.

Personnel

As of July 14, 2011 our staff total is 129: 114 technical staff, 8 permanent analytical staff and 7 permanent clerical staff.

The following separated from Region 4:

Toribia Chairez, Office Assistant (Typing), retired from State service effective June 17, 2011.

Toni Callaway, Engineering Geologist, retired from State service effective June 30, 2011.